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**Cosmetic composition, e.g. nail varnish, mascara or lipstick containing aqueous dispersion of multiphase polymer particles as film-former, giving abrasion-resistant film in the absence of organic solvents**

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Patent Family:

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WO 200151018	A2	20010719	WO 2000FR3588	A	20001219	200161 B
FR 2803743	A1	20010720	FR 2000463	A	20000114	200161
AU 200126867	A	20010724	AU 200126867	A	20001219	200166
EP 1246599	A2	20021009	EP 2000990062	A	20001219	200267
			WO 2000FR3588	A	20001219	

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Patent Details:

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Abstract (Basic): WO 200151018 A2

**NOVELTY** - A cosmetic composition (A) contains 10-95 wt. % of an aqueous dispersion of multiphase polymer particles comprising at least two separate phases, i.e. (a) a first internal phase formed from a soft polymer (P1) having a glass transition temperature (Tg1) below 20degreesC and (b) a second external phase formed by a hard polymer (P2) having a glass transition temperature (Tg2) above 40degreesC.

**USE** - The polymer dispersions are useful as film formers. The use of (A) is claimed in a colored or colorless nail varnish, a varnish base, a base for nail care, a make-up product, a skin care or hygiene composition or a hair washing, care, conditioning, holding or styling composition. The claims also cover (A)-containing make-up products for coating the nails, eyelashes, eyebrows or lips; and films obtained by applying and drying (A) (specifically where the films have a modulus of elasticity of more than 60 MPa and a strain at the elastic limit of more than 2.5 MPa). (A) are typically used in nail-varnishes, mascaras or lipsticks, in combination with other conventional components such as antifoams, wetting agents, thickeners, colorants, fillers and perfumes.

ADVANTAGE - The aqueous polymer particle dispersions dry rapidly at room temperature, in the absence of (potentially inflammable or toxic) plasticizers or organic solvents, to give homogeneous, bright, non-sticky, abrasion-resistant films. The films are easily removable with conventional solvents such as acetone.

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Title Terms: COSMETIC; COMPOSITION; NAIL; VARNISH; MASCARA; LIPSTICK; CONTAIN; AQUEOUS; DISPERSE; MULTIPHASE; POLYMER; PARTICLE; FILM; FORMER; ABRASION; RESISTANCE; FILM; ABSENCE; ORGANIC; SOLVENT

Derwent Class: A18; A25; A96; D21; G02

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